

For the use of a cutting edge 4, the knife 3 and the mounting 8 is fixed by means of the fixing device 13. For this purpose, in this embodiment, a shaft 13' with an eccentric 13" is proposed, wherein the latter engages in a groove 5' of the shaft 5. By the actuation of the lever of the stop 13, the mounting 8 with the knife 3 can be fixed, or can be released for turning further on or for changing the knife 3.

A "Version with Markings to show Changes Made" to the above-mentioned paragraph, is included as an addendum to this Amendment to complete this submission.

In the Claims: A clean set of the claims is included herewith, together with a "Version with Markings to show Changes Made" included as an addendum to this Amendment.

Claim 1 (Amended twice): A microtome for the production of tissue sections in histology, in which an object to be sectioned is passed past a stationary knife for production of said tissue sections, comprising:

a disk-shaped knife, which has the shape of a regular polygon, with edges that comprise cutting edges, and

a knife holder with a knife receiver for arresting and positioning said disk-shaped knife, wherein said knife is received in said knife receiver, and,

wherein said knife receiver has a shaft about which said knife is rotatable and, whereby by rotation of said knife about said shaft various ones of said cutting edges can be brought into a position to cut said object.

Claim 2 (Amended): The microtome according to Claim 1, wherein said knife holder has a depression in which said knife is received and for protection of said cutting edges, with an opening that serves for working use of one of said cutting edges.

Claim 3 (Amended): The microtome according to Claim 1, wherein said knife receiver comprises a rotatable mounting that mounts said knife in said knife receiver.

Claim 4 (Amended twice): The microtome according to Claim 3, wherein said rotatable mounting comprises a positioning element that holds said knife in a position, by which said cutting edges of said knife come into a defined position relative to said mounting.

Claim 5 (Amended twice): The microtome according to Claim 4, wherein said knife holder comprises means for latching said rotatable mounting when one of said cutting edges is situated in a cutting position.

Claim 6 (Amended): The microtome according to Claim 3, wherein said knife receiver has a plane surface wherein the knife is positioned between said plane surface and said rotatable mounting.

Claim 7 (Amended twice): The microtome according to Claim 1, further comprising a numbering arrangement assigned to said cutting edges of said knife, associated with said rotatable mounting.

Claim 8 (Amended twice): The microtome according to Claim 1, further comprising a releasable arresting device that fixes said knife in cutting positions.

Claim 9 (Amended): The microtome according to Claim 1, wherein said knife holder comprises a knife holder housing that is chamfered left and right of a location for said cutting edge when said cutting edge is in a position for use.

Claim 10 (Amended): The microtome according to Claim 1, wherein said knife holder comprises a knife holder housing that is rounded off left and right of a location for said cutting edge when said cutting edge is in a position for use.

Claim 11 (Amended): A microtome for production of tissue sections in histology, in which an object to be sectioned is passed past a stationary knife for production of said tissue sections, wherein said knife is disk-shaped in a shape of a regular polygon, and said knife has edges that are cutting edges.

Claim 12 (Amended): The microtome according to Claim 11, wherein said knife has a bore in its middle for reception of said knife in a knife receiver.

Claim 13 (Amended): The microtome according to Claim 11, wherein said knife has an engagement for a positioning element of a knife receiver.

Claim 14: The microtome according to Claim 11, wherein said knife comprises an octagon shape.

In the Drawings: A proposed drawing of Figure 2 and a letter to the Draftsperson of the Patent Office requesting the Examiner's approval of corrected Figure 2 is included herewith. In the proposed drawing, a notch 9' is shown on the hole through the center of the rotatable mounting 8.